Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	8	JAN 30	Saved answer limit increased
NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that

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specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* *

COMPLETE THE STN SURVEY - APRIL 27 THROUGH MAY 31

Dear valued STN customer,

In an effort to enhance your experience with STN, we would like to better understand what you find useful. Please take approximately 5 minutes to complete a web survey.

If you provide us with your name, login ID, and e-mail address, you will be entered in a drawing to win a free iPod(R). Your responses will be kept confidential and will help us make future improvements to STN.

Take survey: http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW

Thank you in advance for your participation.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:27:59 ON 09 MAY 2006

=> file reg
FILE 'REGISTRY' ENTERED AT 14:28:10 ON 09 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3
DICTIONARY FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS

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for details.

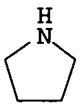
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

```
=> s (morpholine or pyrrolidine OR piperidine)/cn
             1 MORPHOLINE/CN
             1 PYRROLIDINE/CN
             1 PIPERIDINE/CN
L1           3 (MORPHOLINE OR PYRROLIDINE OR PIPERIDINE)/CN

=> d 1-3 str rsd
```

L1 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN

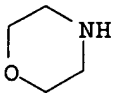


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

Ring System Data

Elemental Analysis EA	Elemental Sequence ES	Size of the Rings SZ	Ring System Formula RF	Ring Identifier RID	RID Occurrence Count
C4N	NC4	5	C4N	16.136.1	1

L1 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

Ring System Data

Elemental Analysis EA	Elemental Sequence ES	Size of the Rings SZ	Ring System Formula RF	Ring Identifier RID	RID Occurrence Count
C4NO	NC2OC2	6	C4NO	46.402.1	1

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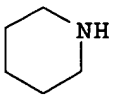
L1 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2006 ACS on STN



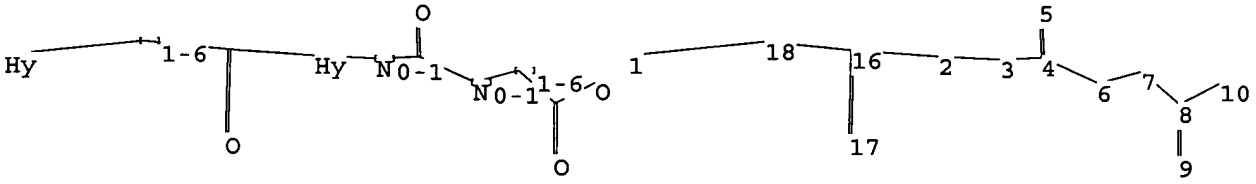
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

Ring System Data

Elemental Analysis EA	Elemental Sequence ES	Size of the Rings SZ	Ring System Formula RF	Ring Identifier RID	RID Occurrence Count
C5N	NC5	6	C5N	46.156.1	1

=> s (16.136 OR 46.402 OR 46.156)/rid
1418020 16.136/RID
370354 46.402/RID
2425227 46.156/RID
L2 4052883 (16.136 OR 46.402 OR 46.156)/RID

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\09865420.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 16 17 18
chain bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 7-8 8-9 8-10 16-17 16-18
exact/norm bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 8-9 8-10 16-17
exact bonds :
7-8 16-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 16:CLASS 17:CLASS 18:CLASS
Generic attributes :
1:

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Saturation : Saturated

Element Count :
Node 1: Limited
N,N1

Node 2: Limited
N,N1

L3 STRUCTURE UPLOADED

=> s l3 subset = l2 sample
SAMPLE SUBSET SEARCH INITIATED 14:30:17 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 53310 TO ITERATE

3.8% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.02

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1052433 TO 1079967
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 628 TO 1504

L4 2 SEA SUB=L2 SSS SAM L3

=>
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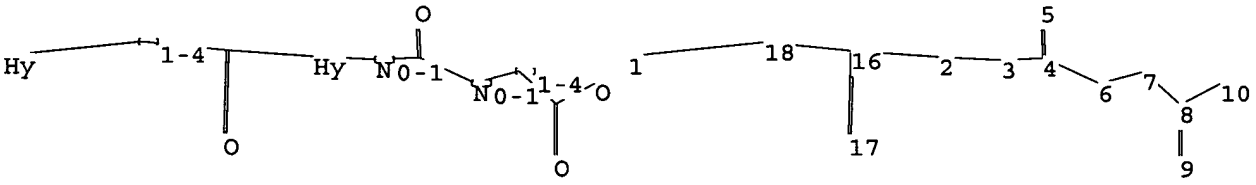

chain nodes :
1 2 3 4 5 6 7 8 9 10 16 17 18
chain bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 7-8 8-9 8-10 16-17 16-18
exact/norm bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 8-9 8-10 16-17
exact bonds :
7-8 16-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 16:CLASS 17:CLASS 18:CLASS
Generic attributes :
1:
Saturation : Saturated

Element Count :

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Node 1: Limited
N,N1

Node 2: Limited
N,N1

L5 STRUCTURE UPLOADED

=> s l5 subset = l2 sample
SAMPLE SUBSET SEARCH INITIATED 14:30:58 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 53310 TO ITERATE

3.8% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1052433 TO 1079967
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 628 TO 1504

L6 2 SEA SUB=L2 SSS SAM L5

=>
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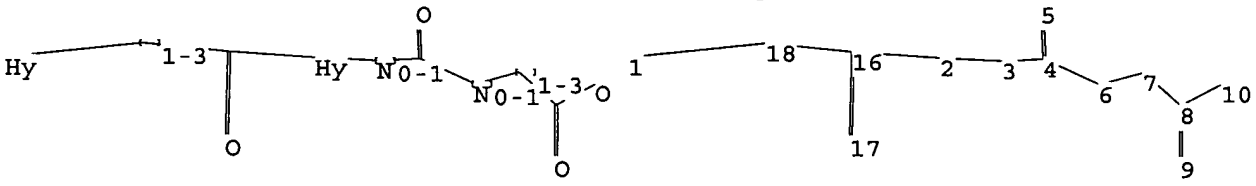

chain nodes :
1 2 3 4 5 6 7 8 9 10 16 17 18
chain bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 7-8 8-9 8-10 16-17 16-18
exact/norm bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 8-9 8-10 16-17
exact bonds :
7-8 16-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 16:CLASS 17:CLASS 18:CLASS
Generic attributes :
1:
Saturation : Saturated

Element Count :
Node 1: Limited
N,N1

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Node 2: Limited
N,N1

L7 STRUCTURE UPLOADED

=> s l7 subset = l2 sample
SAMPLE SUBSET SEARCH INITIATED 14:31:58 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 53310 TO ITERATE

3.8% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1052433 TO 1079967
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 628 TO 1504

L8 2 SEA SUB=L2 SSS SAM L7

=> s (16.136 OR 46.156)/rid
1418020 16.136/RID
2425227 46.156/RID
L9 3736353 (16.136 OR 46.156)/RID
95% OF LIMIT FOR TOTAL ANSWERS REACHED

=> s l3 subset = l9 sample
SAMPLE SUBSET SEARCH INITIATED 14:32:50 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 50762 TO ITERATE

3.9% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1001802 TO 1028678
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 588 TO 1442

L10 2 SEA SUB=L9 SSS SAM L3

=> s l5 subset = l9 sample
SAMPLE SUBSET SEARCH INITIATED 14:33:21 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 50762 TO ITERATE

3.9% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1001802 TO 1028678
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 588 TO 1442

L11 2 SEA SUB=L9 SSS SAM L5

=> s l7 subset = l9 sample
SAMPLE SUBSET SEARCH INITIATED 14:33:43 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 50762 TO ITERATE

3.9% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1001802 TO 1028678
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 588 TO 1442

L12 2 SEA SUB=L9 SSS SAM L7

=>
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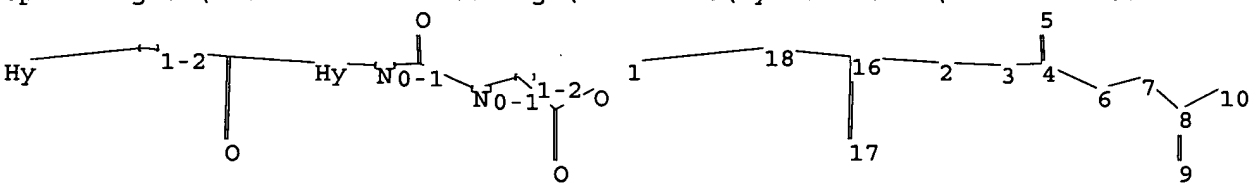

chain nodes :
1 2 3 4 5 6 7 8 9 10 16 17 18
chain bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 7-8 8-9 8-10 16-17 16-18
exact/norm bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 8-9 8-10 16-17
exact bonds :
7-8 16-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 16:CLASS 17:CLASS 18:CLASS
Generic attributes :
1:
Saturation : Saturated

Element Count :
Node 1: Limited
N,N1

Node 2: Limited
N,N1

L13 STRUCTURE UPLOADED

=> s l2 subset = l13 sample
SUBSET AND SAMPLE ARE IGNORED FOR THIS SEARCH
1418020 16.136/RID
370354 46.402/RID
2425227 46.156/RID

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SYSTEM LIMITS EXCEEDED - SEARCH ENDED
The search profile you entered was too complex or gave too many answers. Simplify or subdivide the query and try again. If you have exceeded the answer limit, enter DELETE HISTORY at an arrow prompt (=>) to remove all previous answers sets and begin at L1. Use the SAVE command to store any important profiles or answer sets before using DELETE HISTORY.

```
=> delete history
DELETE ALL L# ITEMS? (Y)/N:.
ALL L# ITEMS DELETED

=> s (16.136 OR 46.402 OR 46.156)/rid
       1418020 16.136/RID
        370354 46.402/RID
       2425227 46.156/RID
L1     4052883 (16.136 OR 46.402 OR 46.156)/RID

=>
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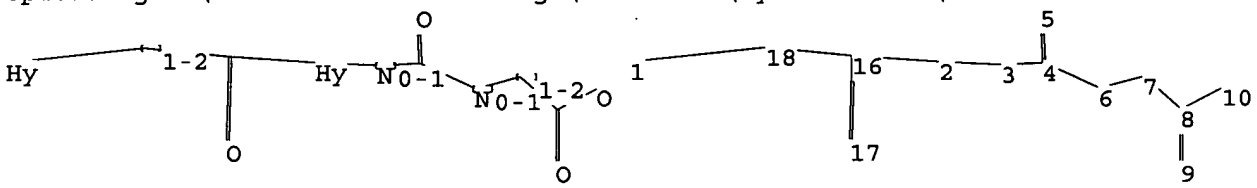
```




```
chain nodes :
1  2  3  4  5  6  7  8  9  10  16  17  18
chain bonds :
1-18  2-3  2-16  3-4  4-5  4-6  6-7  7-8  8-9  8-10  16-17  16-18
exact/norm bonds :
1-18  2-3  2-16  3-4  4-5  4-6  6-7  8-9  8-10  16-17
exact bonds :
7-8  16-18


Match level :
1:Atom  2:Atom  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  16:CLASS  17:CLASS  18:CLASS
Generic attributes :
1:
Saturation              : Saturated

Element Count :
Node 1: Limited
    N,N1

Node 2: Limited
    N,N1




L2      STRUCTURE UPLOADED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```

```
=> s l2 subset = l1 sample
SAMPLE SUBSET SEARCH INITIATED 14:35:34 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -    53310 TO ITERATE

  3.8% PROCESSED     2000 ITERATIONS                                 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):      1052433 TO  1079967
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):             628 TO     1504

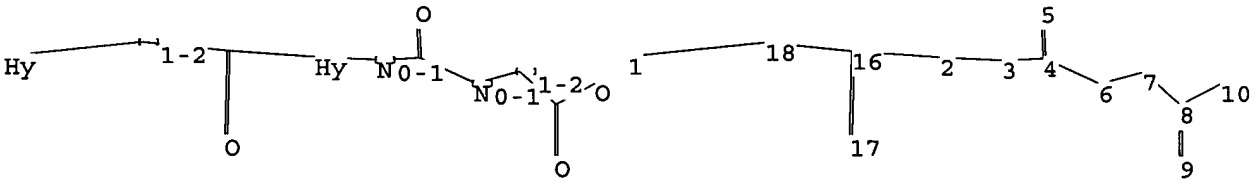
L3            2 SEA SUB=L1 SSS SAM L2

=> s (16.136  OR 46.156)/rid
       1418020 16.136/RID
       2425227 46.156/RID
L4     3736353 (16.136  OR 46.156)/RID
 95% OF LIMIT FOR TOTAL ANSWERS REACHED

=> delete history
DELETE ALL L# ITEMS? (Y)/N:.
ALL L# ITEMS DELETED

=> s (16.136  OR 46.156)/rid
       1418020 16.136/RID
       2425227 46.156/RID
L1     3736353 (16.136  OR 46.156)/RID

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\09865420c.str
```




```
chain nodes :
1  2  3  4  5  6  7  8  9  10  16  17  18
chain bonds :
1-18  2-3  2-16  3-4  4-5  4-6  6-7  7-8  8-9  8-10  16-17  16-18
exact/norm bonds :
1-18  2-3  2-16  3-4  4-5  4-6  6-7  8-9  8-10  16-17
exact bonds :
7-8  16-18


Match level :
1:Atom  2:Atom  3:CLASS  4:CLASS  5:CLASS  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  16:CLASS  17:CLASS  18:CLASS
Generic attributes :
1:
Saturation              : Saturated

Element Count :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```

Node 1: Limited
N,N1

Node 2: Limited
N,N1

L2 STRUCTURE UPLOADED

=> s l2 subset = l1 sample
SAMPLE SUBSET SEARCH INITIATED 14:36:40 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED - 50762 TO ITERATE

3.9% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

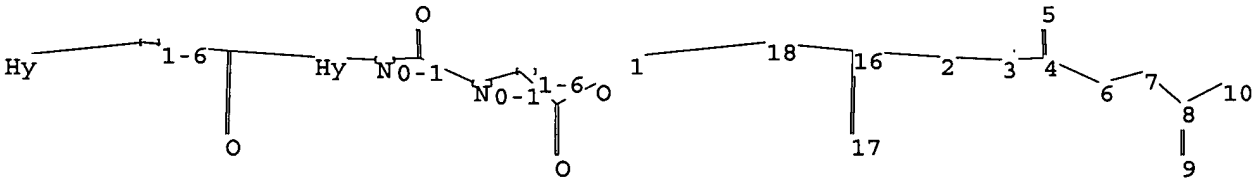
PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE **INCOMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 1001802 TO 1028678
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 588 TO 1442

L3 2 SEA SUB=L1 SSS SAM L2

=> delete history
DELETE ALL L# ITEMS? (Y)/N:.
ALL L# ITEMS DELETED

=> s (16.136)/rid
L1 1418020 (16.136)/RID

=>
Uploading C:\Documents and Settings\tmckenzie\My Documents\09865420.str



chain nodes :
1 2 3 4 5 6 7 8 9 10 16 17 18
chain bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 7-8 8-9 8-10 16-17 16-18
exact/norm bonds :
1-18 2-3 2-16 3-4 4-5 4-6 6-7 8-9 8-10 16-17
exact bonds :
7-8 16-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 16:CLASS 17:CLASS 18:CLASS
Generic attributes :

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```
1:
Saturation              : Saturated

Element Count :
Node 1: Limited
    N,N1

Node 2: Limited
    N,N1



L2      STRUCTURE UPLOADED

=> s l2 subset = l1 sample
SAMPLE SUBSET SEARCH INITIATED 14:37:49 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -    31711 TO ITERATE

  6.3% PROCESSED     2000 ITERATIONS                                0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):      623575 TO   644865
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):              0 TO        0

L3            0 SEA SUB=L1 SSS SAM L2

=> s (46.402 )/rid
L4      370354 (46.402 )/RID

=> s l2 subset = l4 sample
SAMPLE SUBSET SEARCH INITIATED 14:39:10 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -     2913 TO ITERATE

 68.7% PROCESSED     2000 ITERATIONS                                1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):       55023 TO    61497
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):              1 TO      101

L5            1 SEA SUB=L4 SSS SAM L2

=> s (46.156)/rid
L6     2425227 (46.156)/RID

=> s l2 subset = l6 sample
SAMPLE SUBSET SEARCH INITIATED 14:39:56 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -    20017 TO ITERATE

 10.0% PROCESSED     2000 ITERATIONS                                3 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
```

```
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):       391871 TO   408809
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):             272 TO      928

L7            3 SEA SUB=L6 SSS SAM L2

=> s l2 subset = l1 full
FULL SUBSET SEARCH INITIATED 14:40:17 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   632511 TO ITERATE

 96.7% PROCESSED   611324 ITERATIONS                                36 ANSWERS

100.0% PROCESSED   632511 ITERATIONS                                40 ANSWERS
SEARCH TIME: 00.00.22

L8           40 SEA SUB=L1 SSS FUL L2

=> s l2 subset = l4 full
FULL SUBSET SEARCH INITIATED 14:40:55 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -    57599 TO ITERATE

100.0% PROCESSED    57599 ITERATIONS                                11 ANSWERS
SEARCH TIME: 00.00.01

L9           11 SEA SUB=L4 SSS FUL L2

=> s l2 subset = l6 full
FULL SUBSET SEARCH INITIATED 14:41:15 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED -   404056 TO ITERATE

100.0% PROCESSED   404056 ITERATIONS                               833 ANSWERS
SEARCH TIME: 00.00.04

L10         833 SEA SUB=L6 SSS FUL L2

=> s l8 or l9 or l10
L11        854 L8 OR L9 OR L10

=> file caplus, caold; s l11
FILE 'CAPLUS' ENTERED AT 14:41:54 ON 09 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAOLD' ENTERED AT 14:41:54 ON 09 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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L12          56 L11

=> s us-6380215/pn
L13           1 US-6380215/PN

=> s l12 not l13
L14          55 L12 NOT L13

=> sort l14 py
SORT ENTIRE ANSWER SET? (Y)/N:.
PROCESSING COMPLETED FOR L14
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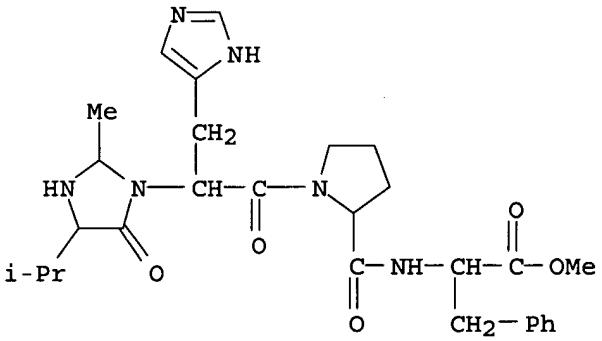
Thomas McKenzie

L15 55 SORT L14 PY

=> d 1-20 ibib pi fhitstr

L15 ANSWER 1 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1973:97999 CAPLUS
DOCUMENT NUMBER: 78:97999
TITLE: N,N'-alkylidene peptides. Peptide synthesis by products in the action of carbonyl compounds
AUTHOR(S): Cardinaux, F.; Brenner, M.
CORPORATE SOURCE: Inst. Org. Chem., Univ. Basel, Basel, Switz.
SOURCE: Helvetica Chimica Acta (1973), 56(1), 339-47
CODEN: HCACAV; ISSN: 0018-019X
DOCUMENT TYPE: Journal
LANGUAGE: German
IT **40149-19-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 40149-19-7 CAPLUS
CN L-Phenylalanine, N-[1-[3-(1H-imidazol-4-yl)-2-[2-methyl-4-(1-methylethyl)-5-oxo-1-imidazolidinyl]-1-oxopropyl]-L-prolyl]-, methyl ester (9CI) (CA INDEX NAME)



L15 ANSWER 2 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1985:46254 CAPLUS
DOCUMENT NUMBER: 102:46254
TITLE: Substituted pyrrolidinone derivatives
INVENTOR(S): Bencze, William; Kamber, Bruno; Storni, Angelo
PATENT ASSIGNEE(S): Ciba-Geigy A.-G. , Switz.
SOURCE: Eur. Pat. Appl., 107 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

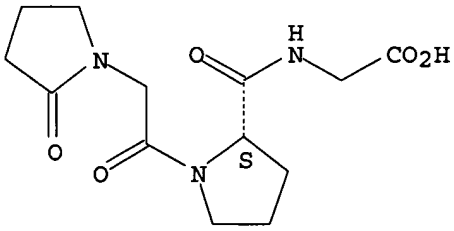
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 115473	A2	19840808	EP 1984-810041	19840123
EP 115473	A3	19870121		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
FI 8400261	A	19840728	FI 1984-261	19840123
DD 215539	A5	19841114	DD 1984-259604	19840125
DK 8400359	A	19840728	DK 1984-359	19840126

	NO 8400311	A	19840730	NO 1984-311	19840126
	AU 8423839	A1	19840802	AU 1984-23839	19840126
	JP 59141544	A2	19840814	JP 1984-11111	19840126
	HU 32790	O	19840928	HU 1984-330	19840126
	ZA 8400595	A	19841128	ZA 1984-595	19840126
PRIORITY APPLN. INFO.:				CH 1983-454 A	19830127
OTHER SOURCE(S):	MARPAT 102:46254				

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 115473	A2	19840808	EP 1984-810041	19840123
	EP 115473	A3	19870121		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	FI 8400261	A	19840728	FI 1984-261	19840123
	DD 215539	A5	19841114	DD 1984-259604	19840125
	DK 8400359	A	19840728	DK 1984-359	19840126
	NO 8400311	A	19840730	NO 1984-311	19840126
	AU 8423839	A1	19840802	AU 1984-23839	19840126
	JP 59141544	A2	19840814	JP 1984-11111	19840126
	HU 32790	O	19840928	HU 1984-330	19840126
	ZA 8400595	A	19841128	ZA 1984-595	19840126

IT **93980-07-5**
RL: RCT (Reactant); RACT (Reactant or reagent)
(peptide coupling of, with glycinamide)
RN 93980-07-5 CAPLUS
CN Glycine, N-[1-[(2-oxo-1-pyrrolidinyl)acetyl]-L-prolyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L15 ANSWER 3 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:221389 CAPLUS
DOCUMENT NUMBER: 114:221389
TITLE: Preparation of anaphylatoxin-receptor peptide ligands for modulating anaphylatoxic activity and treatment of inflammation
INVENTOR(S): Kawai, Megumi; Or, Yat Sun; Wiedeman, Paul E.; Luly, Jay R.; Moyer, Mikel P.
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: PCT Int. Appl., 165 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9009162	A2	19900823	WO 1990-US296	19900116
WO 9009162	A3	19901129		

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        W:  CA, JP, US
        RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE
     CA 2045578          AA    19900801    CA 1990-2045578          19900116
     EP 456758           A1    19911121    EP 1990-903567           19900116
        R:  AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE
     JP 04503073         T2    19920604    JP 1990-503686           19900116
     US 5223485          A     19930629    US 1991-691039           19910619
PRIORITY APPLN. INFO.:                     US 1989-304693      A2   19890131
                                           WO 1990-US296       W    19900116
     PATENT NO.          KIND  DATE        APPLICATION NO.          DATE
     --------------      ----  --------    --------------------     --------
PI   WO 9009162          A2    19900823    WO 1990-US296            19900116
     WO 9009162          A3    19901129
        W:  CA, JP, US
        RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE
     CA 2045578          AA    19900801    CA 1990-2045578          19900116
     EP 456758           A1    19911121    EP 1990-903567           19900116
        R:  AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE
     JP 04503073         T2    19920604    JP 1990-503686           19900116
     US 5223485          A     19930629    US 1991-691039           19910619
IT   133215-68-6
     RL: BAC (Biological activity or effector, except adverse); BPR (Biological
     process); BSU (Biological study, unclassified); THU (Therapeutic use);
     BIOL (Biological study); PROC (Process); USES (Uses)
        (anaphylatoxin receptor ligand for inflammation inhibition and
        anaphylatoxin modulation)
RN   133215-68-6  CAPLUS
CN   L-Arginine, N2-[1-[2-[3-[[3-cyclohexyl-N-[N-(N2-L-phenylalanyl-L-lysyl)-L-
     alanyl]-L-alanyl]amino]-2-oxo-1-pyrrolidinyl]-4-methyl-1-oxopentyl]-D-
     prolyl]- (9CI)  (CA INDEX NAME)
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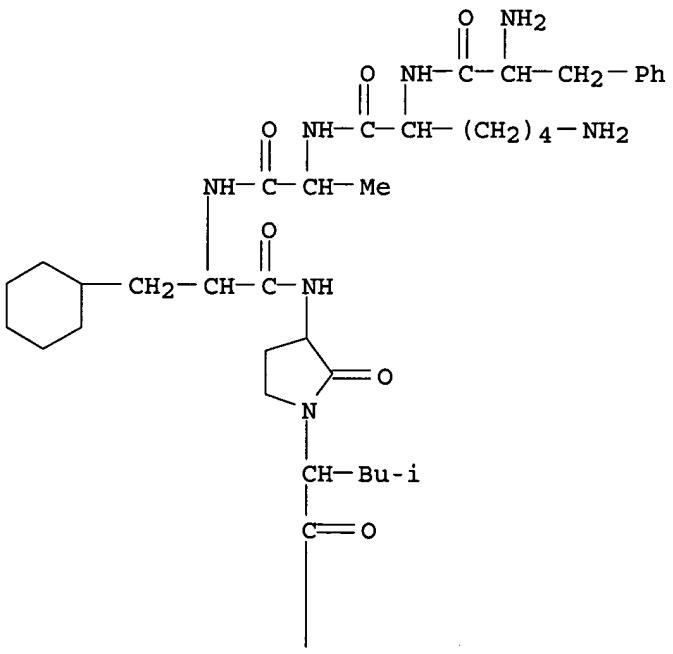
PAGE 1-A



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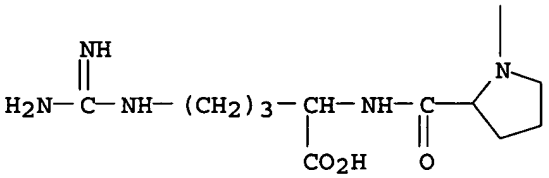

L15 ANSWER 4 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:129634 CAPLUS
DOCUMENT NUMBER: 116:129634
TITLE: Preparation of amidino derivatives of peptides and amino acids as drugs
INVENTOR(S): Alig, Leo; Edenhofer, Albrecht; Mueller, Marcel; Trzeciak, Arnold; Weller, Thomas
PATENT ASSIGNEE(S): Hoffmann-La Roche, F., A.-G., Switz.
SOURCE: Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	EP 445796	A2	19910911	EP 1991-103462		19910307
	EP 445796	A3	19911030			
	EP 445796	B1	19980617			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
	CA 2037153	AA	19910910	CA 1991-2037153		19910226
	ZA 9101534	A	19911127	ZA 1991-1534		19910301
	HU 56582	A2	19910930	HU 1991-186		19910304
	AU 9172086	A1	19920820	AU 1991-72086		19910304
	AU 646838	B2	19940310			
	IL 97401	A1	19950315	IL 1991-97401		19910304
	US 5273982	A	19931228	US 1991-665110		19910305
	FI 9101148	A	19910910	FI 1991-1148		19910307
	JP 04217652	A2	19920807	JP 1991-65316		19910307
	JP 2501252	B2	19960529			
	RU 2072359	C1	19970127	RU 1991-4894657		19910307
	AT 167482	E	19980715	AT 1991-103462		19910307
	ES 2118067	T3	19980916	ES 1991-103462		19910307
	NO 9100934	A	19910910	NO 1991-934		19910308
	NO 301167	B1	19970922			
	BR 9100941	A	19911105	BR 1991-941		19910308
PRIORITY APPLN. INFO.:				CH 1990-775	A	19900309
				CH 1991-115	A	19910117
				CH 1991-192		19910123

OTHER SOURCE(S): MARPAT 116:129634

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 445796	A2	19910911	EP 1991-103462	19910307
	EP 445796	A3	19911030		
	EP 445796	B1	19980617		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2037153	AA	19910910	CA 1991-2037153	19910226

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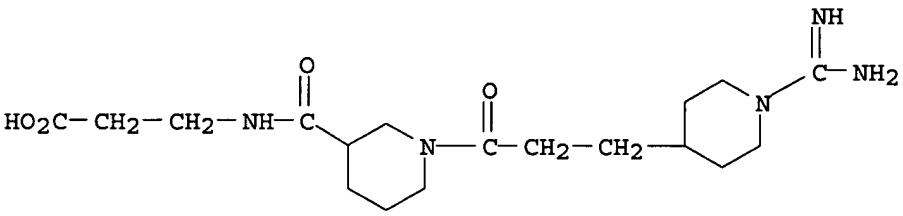
ZA 9101534	A	19911127	ZA 1991-1534		19910301
HU 56582	A2	19910930	HU 1991-186		19910304
AU 9172086	A1	19920820	AU 1991-72086		19910304
AU 646838	B2	19940310			
IL 97401	A1	19950315	IL 1991-97401		19910304
US 5273982	A	19931228	US 1991-665110		19910305
FI 9101148	A	19910910	FI 1991-1148		19910307
JP 04217652	A2	19920807	JP 1991-65316		19910307
JP 2501252	B2	19960529			
RU 2072359	C1	19970127	RU 1991-4894657		19910307
AT 167482	E	19980715	AT 1991-103462		19910307
ES 2118067	T3	19980916	ES 1991-103462		19910307
NO 9100934	A	19910910	NO 1991-934		19910308
NO 301167	B1	19970922			
BR 9100941	A	19911105	BR 1991-941		19910308

IT **138107-76-3P**
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as drug)
RN 138107-76-3 CAPLUS
CN β-Alanine, N-[[1-[3-[1-(aminoiminomethyl)-4-piperidinyl]-1-oxopropyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 5 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:631372 CAPLUS
DOCUMENT NUMBER: 121:231372
TITLE: Preparation of peptide inhibitors of angiotensin I chymase(s) including human heart chymase
INVENTOR(S): Hoover, Dennis J.
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

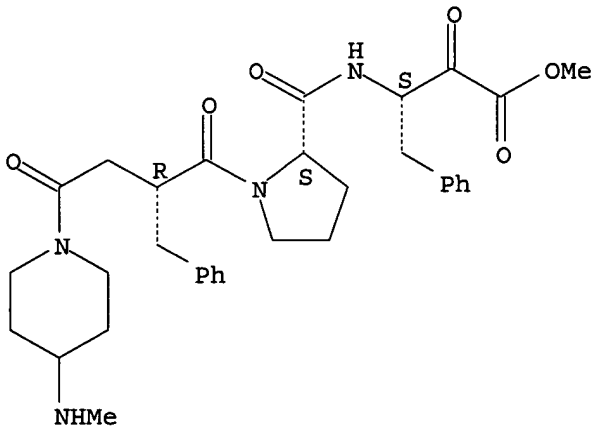
PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9325574	A1	19931223	WO 1993-US3625		19930423
W: CA, JP, US					
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
EP 644892	A1	19950329	EP 1993-909587		19930423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE					
CA 2137832	C	20000926	CA 1993-2137832		19930423
PRIORITY APPLN. INFO.:			US 1992-897723	A2	19920612
			WO 1993-US3625	W	19930423

OTHER SOURCE(S): MARPAT 121:231372

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9325574	A1	19931223	WO 1993-US3625	19930423
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 644892	A1	19950329	EP 1993-909587	19930423
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	CA 2137832	C	20000926	CA 1993-2137832	19930423

IT **158211-39-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as angiotensin I chymase inhibitor)
RN 158211-39-3 CAPLUS
CN Benzenebutanoic acid, β-[[[1-[4-[4-(methylamino)-1-piperidinyl]-1,4-dioxo-2-(phenylmethyl)butyl]-2-pyrrolidinyl]carbonyl]amino]-α-oxo-, methyl ester, monohydrochloride, [2S-[1(S*),2R*(R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L15 ANSWER 6 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:995004 CAPLUS
DOCUMENT NUMBER: 124:146856
TITLE: Preparation of nipecotic acid derivatives as antithrombic compounds
INVENTOR(S): Beavers, Mary Pat; Andrade-Gordon, Patricia; Hoekstra, William J.
PATENT ASSIGNEE(S): Ortho Pharmaceutical Corp., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9525091	A2	19950921	WO 1995-US3145	19950314
WO 9525091	A3	19951012		

W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2163027	AA	19950921	CA 1995-2163027	19950314
AU 9521191	A1	19951003	AU 1995-21191	19950314
AU 703397	B2	19990325		
CN 1128022	A	19960731	CN 1995-190367	19950314
CN 1083834	B	20020501		
EP 746545	A1	19961211	EP 1995-914023	19950314
EP 746545	B1	19990526		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

HU 74871	A2	19970228	HU 1995-3270	19950314
JP 09510453	T2	19971021	JP 1995-524128	19950314
AT 180470	E	19990615	AT 1995-914023	19950314
ES 2131313	T3	19990716	ES 1995-914023	19950314
RU 2135470	C1	19990827	RU 1995-122287	19950314
ZA 9502171	A	19960916	ZA 1995-2171	19950316
NO 9504609	A	19960105	NO 1995-4609	19951115
FI 9505498	A	19960115	FI 1995-5498	19951115
FI 113763	B1	20040615		

PRIORITY APPLN. INFO.:

US 1994-213772	A	19940316
US 1994-364896	A	19941227
WO 1995-US3145	W	19950314

OTHER SOURCE(S): MARPAT 124:146856

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9525091	A2	19950921	WO 1995-US3145	19950314
	WO 9525091	A3	19951012		

W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

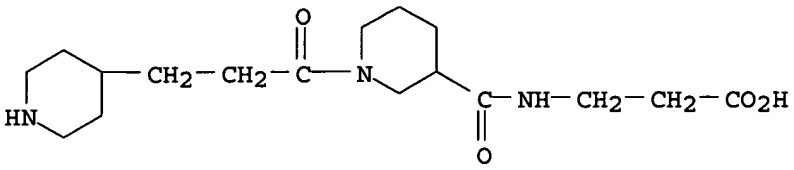
CA 2163027	AA	19950921	CA 1995-2163027	19950314
AU 9521191	A1	19951003	AU 1995-21191	19950314
AU 703397	B2	19990325		
CN 1128022	A	19960731	CN 1995-190367	19950314
CN 1083834	B	20020501		
EP 746545	A1	19961211	EP 1995-914023	19950314
EP 746545	B1	19990526		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

HU 74871	A2	19970228	HU 1995-3270	19950314
JP 09510453	T2	19971021	JP 1995-524128	19950314
AT 180470	E	19990615	AT 1995-914023	19950314
ES 2131313	T3	19990716	ES 1995-914023	19950314
RU 2135470	C1	19990827	RU 1995-122287	19950314
ZA 9502171	A	19960916	ZA 1995-2171	19950316
NO 9504609	A	19960105	NO 1995-4609	19951115
FI 9505498	A	19960115	FI 1995-5498	19951115
FI 113763	B1	20040615		

IT **173051-59-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of nipecotic acid derivs. as antithrombic compds.)
RN 173051-59-7 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 7 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:881315 CAPLUS
DOCUMENT NUMBER: 123:286740
TITLE: Preparation of peptides containing 2,3-diaminopropionic acid derivatives having selective affinity to cell adhesion activating protein receptors
INVENTOR(S): Ikeda, Yoshiharu; Ueki, Yasuyuki; Kishimoto, Hisakazu; Nishihara, Toshio; Kamikawa, Yumiko
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
SOURCE: PCT Int. Appl., 231 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9511228	A1	19950427	WO 1994-JP1700	19941011
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2174516	AA	19950427	CA 1994-2174516	19941011
AU 9478627	A1	19950508	AU 1994-78627	19941011
EP 725059	A1	19960807	EP 1994-929640	19941011
EP 725059	B1	20010117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
CN 1138322	A	19961218	CN 1994-194559	19941011
CN 1076345	B	20011219		
AT 198739	E	20010215	AT 1994-929640	19941011
US 5707994	A	19980113	US 1996-633800	19960419
US 6048854	A	20000411	US 1997-937901	19970925
PRIORITY APPLN. INFO.:			JP 1993-286091 A	19931019
			JP 1993-350177 A	19931228
			WO 1994-JP1700 W	19941011

OTHER SOURCE(S): MARPAT 123:286740

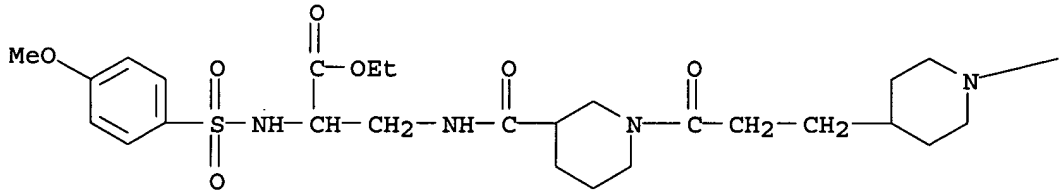
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9511228	A1	19950427	WO 1994-JP1700	19941011
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN,				

MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

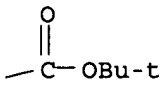
CA 2174516	AA	19950427	CA 1994-2174516	19941011
AU 9478627	A1	19950508	AU 1994-78627	19941011
EP 725059	A1	19960807	EP 1994-929640	19941011
EP 725059	B1	20010117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
CN 1138322	A	19961218	CN 1994-194559	19941011
CN 1076345	B	20011219		
AT 198739	E	20010215	AT 1994-929640	19941011
US 5707994	A	19980113	US 1996-633800	19960419
US 6048854	A	20000411	US 1997-937901	19970925

IT **169458-10-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate for preparation of peptides containing N-sulfonyldiaminopropionic acid derivs. having selective affinity to cell adhesion activating protein receptors)
RN 169458-10-0 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[3-[3-[[[3-ethoxy-2-[[(4-methoxyphenyl)sulfonyl]amino]-3-oxopropyl]amino]carbonyl]-1-piperidinyl]-3-oxopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

PAGE 1-A

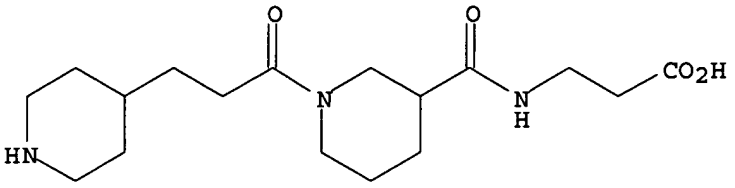


PAGE 1-B



L15 ANSWER 8 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:538884 CAPLUS
DOCUMENT NUMBER: 123:56546
TITLE: Design and Evaluation of Nonpeptide Fibrinogen γ Chain-Based GPIIB/IIIA Antagonists
AUTHOR(S): Hoekstra, William J.; Beavers, Mary Pat; Andrade-Gordon, Patricia; Evangelisto, Mary F.; Keane, Patricia M.; Press, Jeffery B.; Tomko, Karen A.; Fan, Francis; Kloczewiak, Marek; et al.
CORPORATE SOURCE: Drug Discovery, The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, 19477, USA
SOURCE: Journal of Medicinal Chemistry (1995), 38(10), 1582-92
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **163734-36-9P**, RWJ 50042
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(design and evaluation of nonpeptide fibrinogen γ chain-based GPIIb/IIIa antagonists)
RN 163734-36-9 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

L15 ANSWER 9 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:731970 CAPLUS
DOCUMENT NUMBER: 126:8001
TITLE: Preparation of [(N-acylpiperidinyl)carbonylamino]carboxylates as glycoprotein IIb/IIIa antagonists and platelet aggregation inhibitors
INVENTOR(S): Ohkubo, Mitsuru; Takahashi, Fumie; Yamanaka, Toshio; Kato, Masayuki
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 143 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9629309	A1	19960926	WO 1996-JP643	19960314
W: AU, CA, CN, HU, JP, KR, MX, NZ, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2215106	AA	19960926	CA 1996-2215106	19960314
AU 9649542	A1	19961008	AU 1996-49542	19960314
EP 869944	A1	19981014	EP 1996-906017	19960314
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 11502224	T2	19990223	JP 1996-528273	19960314
IL 117495	A1	20020523	IL 1996-117495	19960314
TW 406079	B	20000921	TW 1996-85103157	19960316
US 6384028	B1	20020507	US 1997-894795	19970910
PRIORITY APPLN. INFO.:			GB 1995-5437 A	19950317
			GB 1995-24266 A	19951128

Thomas McKenzie

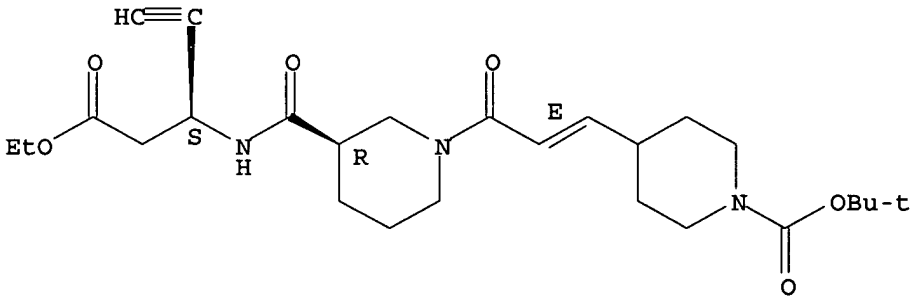
WO 1996-JP643 W 19960314

OTHER SOURCE(S): MARPAT 126:8001

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9629309	A1	19960926	WO 1996-JP643	19960314
	W: AU, CA, CN, HU, JP, KR, MX, NZ, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2215106	AA	19960926	CA 1996-2215106	19960314
	AU 9649542	A1	19961008	AU 1996-49542	19960314
	EP 869944	A1	19981014	EP 1996-906017	19960314
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 11502224	T2	19990223	JP 1996-528273	19960314
	IL 117495	A1	20020523	IL 1996-117495	19960314
	TW 406079	B	20000921	TW 1996-85103157	19960316
	US 6384028	B1	20020507	US 1997-894795	19970910

IT **183804-89-9P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of [(N-acylpiperidinyl)carbonylamino]carboxylates as glycoprotein IIb/IIIa antagonists and platelet aggregation inhibitors)
RN 183804-89-9 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[(1E)-3-[(3R)-3-[[[(1S)-1-(2-ethoxy-2-oxoethyl)-2-propynyl]amino]carbonyl]-1-piperidinyl]-3-oxo-1-propenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

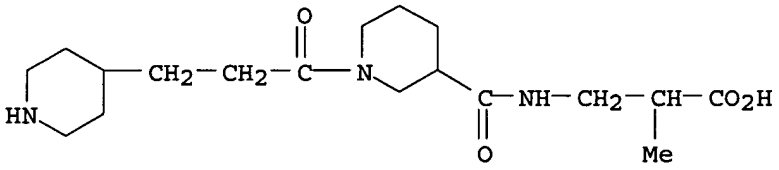
Absolute stereochemistry.
Double bond geometry as shown.



L15 ANSWER 10 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:673286 CAPLUS
DOCUMENT NUMBER: 126:60315
TITLE: Solid-phase parallel synthesis applied to lead optimization: discovery of potent analogs of the GPIIb/IIIa antagonist RWJ-50042
AUTHOR(S): Hoekstra, William J.; Maryanoff, Bruce E.; Andrade-Gordon, Patricia; Cohen, Judith H.; Costanzo, Michael J.; Damiano, Bruce P.; Haertlein, Barbara; Harris, Bruce D.; Kauffman, Jack A.; et al.
CORPORATE SOURCE: R. W. Johnson Pharmaceutical Res. Inst., Spring House, PA, 19477, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (1996), 6(20), 2371-2376
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier

Thomas McKenzie

DOCUMENT TYPE: Journal
LANGUAGE: English
IT **169497-77-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis of GPIIb/IIIa antagonist RWJ-50042 analogs)
RN 169497-77-2 CAPLUS
CN Propanoic acid, 2-methyl-3-[[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)



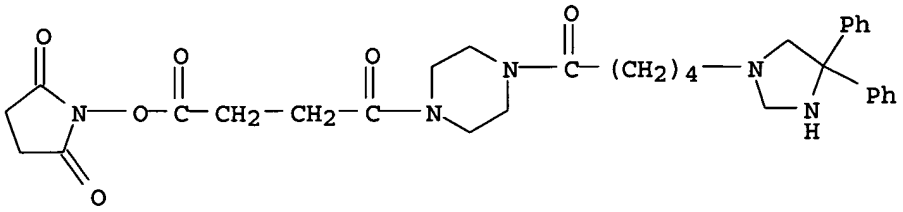
L15 ANSWER 11 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:350539 CAPLUS
DOCUMENT NUMBER: 125:81274
TITLE: Immunoassay analytical elements containing vanadium IV (V4+) ions
INVENTOR(S): Daniel, Daniel S.; Hilborn, David A.; Messing, Calvin R.
PATENT ASSIGNEE(S): Johnson and Johnson Clinical Diagnostics, Inc., USA
SOURCE: U.S., 14 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5516645	A	19960514	US 1994-232903	19940425

PRIORITY APPLN. INFO.: US 1994-232903 19940425
OTHER SOURCE(S): MARPAT 125:81274

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 5516645	A	19960514	US 1994-232903	19940425

IT **178449-96-2DP**, peroxidase conjugates
RL: ARG (Analytical reagent use); DEV (Device component use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)
(immunoassay anal. elements containing vanadium(IV) ions to enhance color formation)
RN 178449-96-2 CAPLUS
CN Piperazine, 1-[4-[(2,5-dioxo-1-pyrrolidinyl)oxy]-1,4-dioxobutyl]-4-[5-(4,4-diphenyl-1-imidazolidinyl)-1-oxopentyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 12 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:740210 CAPLUS
DOCUMENT NUMBER: 128:13215
TITLE: Preparation of pyrrolidine, piperidine and hexahydroazepine carboxamide derivatives for the treatment of thrombosis disorders
INVENTOR(S): Costanzo, Michael J.; Hoekstra, William J.; Maryanoff, Bruce E.
PATENT ASSIGNEE(S): Ortho Pharmaceutical Corporation, USA
SOURCE: PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9741102	A1	19971106	WO 1997-US7130	19970429
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2258701	AA	19971106	CA 1997-2258701	19970429
AU 9728166	A1	19971119	AU 1997-28166	19970429
AU 726594	B2	20001116		
EP 923555	A1	19990623	EP 1997-922518	19970429
EP 923555	B1	20050615		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 9710434	A	19990817	BR 1997-10434	19970429
NZ 332585	A	20000428	NZ 1997-332585	19970429
US 6069254	A	20000530	US 1997-841016	19970429
JP 2000510111	T2	20000808	JP 1997-539134	19970429
CN 1286684	A	20010307	CN 1997-194303	19970429
TR 9802207	T2	20010621	TR 1998-9802207	19970429
EP 1184374	A1	20020306	EP 2001-203872	19970429
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
EE 3823	B1	20020815	EE 1998-371	19970429
RU 2194038	C2	20021210	RU 1998-121706	19970429
CZ 293912	B6	20040818	CZ 1998-3488	19970429
CZ 294094	B6	20041013	CZ 2002-1311	19970429
AT 297894	E	20050715	AT 1997-922518	19970429
PT 923555	T	20050930	PT 1997-922518	19970429
ES 2243996	T3	20051201	ES 1997-922518	19970429
ZA 9704390	A	19981120	ZA 1997-4390	19970520

BG 64276	B1	20040831	BG 1998-102966		19981130
PRIORITY APPLN. INFO.:			US 1996-16675P	P	19960501
			EP 1997-922518	A3	19970429
			WO 1997-US7130	W	19970429

OTHER SOURCE(S): CASREACT 128:13215; MARPAT 128:13215

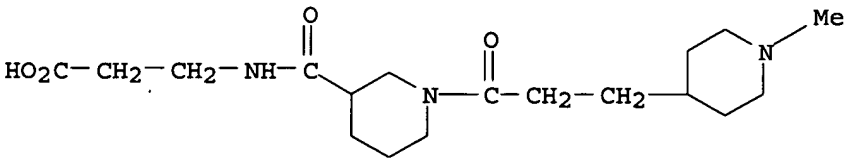
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9741102	A1	19971106	WO 1997-US7130	19970429
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2258701	AA	19971106	CA 1997-2258701	19970429
	AU 9728166	A1	19971119	AU 1997-28166	19970429
	AU 726594	B2	20001116		
	EP 923555	A1	19990623	EP 1997-922518	19970429
	EP 923555	B1	20050615		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9710434	A	19990817	BR 1997-10434	19970429
	NZ 332585	A	20000428	NZ 1997-332585	19970429
	US 6069254	A	20000530	US 1997-841016	19970429
	JP 2000510111	T2	20000808	JP 1997-539134	19970429
	CN 1286684	A	20010307	CN 1997-194303	19970429
	TR 9802207	T2	20010621	TR 1998-9802207	19970429
	EP 1184374	A1	20020306	EP 2001-203872	19970429
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	EE 3823	B1	20020815	EE 1998-371	19970429
	RU 2194038	C2	20021210	RU 1998-121706	19970429
	CZ 293912	B6	20040818	CZ 1998-3488	19970429
	CZ 294094	B6	20041013	CZ 2002-1311	19970429
	AT 297894	E	20050715	AT 1997-922518	19970429
	PT 923555	T	20050930	PT 1997-922518	19970429
	ES 2243996	T3	20051201	ES 1997-922518	19970429
	ZA 9704390	A	19981120	ZA 1997-4390	19970520
	BG 64276	B1	20040831	BG 1998-102966	19981130

IT **184964-72-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrrolidine, piperidine and hexahydroazepine carboxamide derivs. for treatment of thrombosis disorders)

RN 184964-72-5 CAPLUS

CN β-Alanine, N-[[1-[3-(1-methyl-4-piperidinyl)-1-oxopropyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



L15 ANSWER 13 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1997:623150 CAPLUS

Thomas McKenzie

DOCUMENT NUMBER: 127:278467
TITLE: N-[(R)-1-[3-(4-piperidyl)propionyl]-3-piperidylcarbonyl]-2(S)-acetylamino-β-alanine as fibrinogen receptor antagonist
INVENTOR(S): Ohkubo, Mitsuru; Takahashi, Fumie; Yamanaka, Toshio; Kato, Masayuki
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9733869	A1	19970918	WO 1997-JP769	19970312
W: CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
ZA 9602033	A	19960917	ZA 1996-2033	19960313
CA 2248809	AA	19970918	CA 1997-2248809	19970312
EP 888302	A1	19990107	EP 1997-907277	19970312
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 2000506524	T2	20000530	JP 1997-532437	19970312
US 2001016571	A1	20010823	US 2001-805996	20010315

PRIORITY APPLN. INFO.:

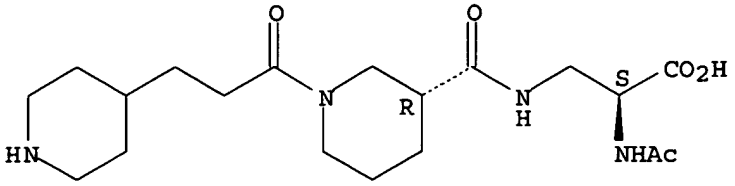
ZA 1996-2033	A	19960313
GB 1995-5437	A	19950317
WO 1997-JP769	W	19970312
US 1998-147011	B1	19980911

OTHER SOURCE(S): MARPAT 127:278467

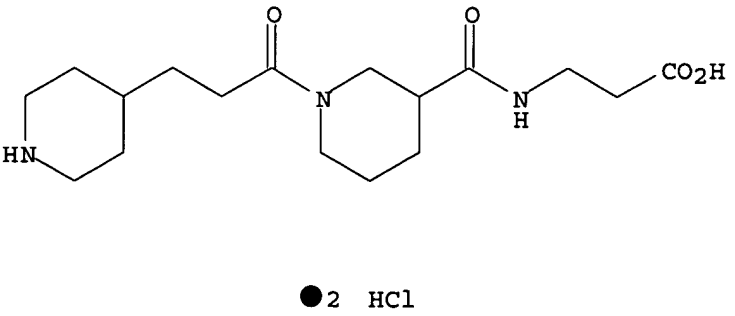
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9733869	A1	19970918	WO 1997-JP769	19970312
	W: CA, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	ZA 9602033	A	19960917	ZA 1996-2033	19960313
	CA 2248809	AA	19970918	CA 1997-2248809	19970312
	EP 888302	A1	19990107	EP 1997-907277	19970312
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	JP 2000506524	T2	20000530	JP 1997-532437	19970312
	US 2001016571	A1	20010823	US 2001-805996	20010315

IT **183905-61-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
([[(piperidyl)propionyl]piperidylcarbonyl](acetylamino)alanine as fibrinogen receptor antagonist)
RN 183905-61-5 CAPLUS
CN L-Alanine, N-acetyl-3-[[[(3R)-1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



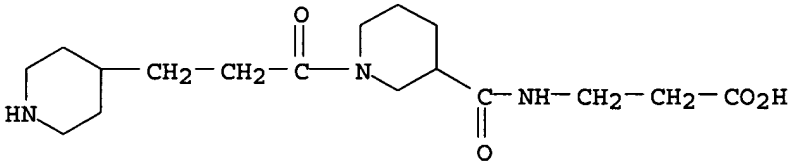
L15 ANSWER 14 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:512069 CAPLUS
DOCUMENT NUMBER: 127:191060
TITLE: Solid-phase parallel synthesis applied to lead development: potent analogs of the GPIIb/IIIa antagonist RWJ-50042
AUTHOR(S): Hoekstra, William J.; Maryanoff, Bruce E.; Andrade-Gordon, Patricia; Cohen, Judith H.; Costanzo, Michael J.; Damiano, Bruce P.; Falotico, Robert; Haertlein, Barbara J.; Harris, Bruce D.; et al.
CORPORATE SOURCE: Drug Discovery and Chemical Development Department, R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, 19477, USA
SOURCE: Electronic Conference on Heterocyclic Chemistry, [Proceedings], June 24-July 22, 1996 (1997), Meeting Date 1996, No pp. given. Editor(s): Rzepa, Henry S.; Snyder, James P.; Leach, Christopher. Royal Society of Chemistry: Cambridge, UK.
CODEN: 64WTAX
DOCUMENT TYPE: Conference; (computer optical disk)
LANGUAGE: English
IT **163734-36-9DP**, RWJ-50042, analogs
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase parallel preparation of analogs of the GPIIb/IIIa antagonist RWJ-50042)
RN 163734-36-9 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

L15 ANSWER 15 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:269706 CAPLUS
DOCUMENT NUMBER: 126:343862
TITLE: Solid-phase synthesis via N-terminal attachment to the 2-chlorotrityl resin

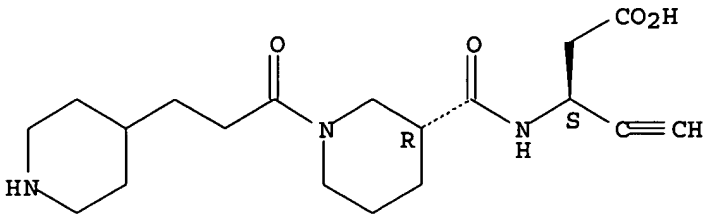
AUTHOR(S): Hoekstra, William J.; Greco, Michael N.; Yabut, Stephen C.; Hulshizer, Becky L.; Maryanoff, Bruce E.
CORPORATE SOURCE: Drug Discovery, The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, 19477, USA
SOURCE: Tetrahedron Letters (1997), 38(15), 2629-2632
CODEN: TELEAY; ISSN: 0040-4039
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **173051-59-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase preparation of peptide mimics via N-terminal attachment to chlorotrityl resins)
RN 173051-59-7 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 16 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:746638 CAPLUS
DOCUMENT NUMBER: 130:93284
TITLE: Association between ligand-induced conformational changes of integrin αIIbβ3 and αIIbβ3-mediated intracellular Ca2+ signaling
AUTHOR(S): Honda, Shigenori; Tomiyama, Yoshiaki; Aoki, Toshiaki; Shiraga, Masamichi; Kurata, Yoshiyuki; Seki, Jiro; Matsuzawa, Yuji
CORPORATE SOURCE: Second Department of Internal Medicine, Osaka University Medical School, Suita, 565-0871, Japan
SOURCE: Blood (1998), 92(10), 3675-3683
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: W. B. Saunders Co.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT **169497-03-4**, FR 169824
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(association between ligand-induced conformational changes of integrin αIIbβ3 and αIIbβ3-mediated intracellular Ca2+ signaling)
RN 169497-03-4 CAPLUS
CN 4-Pentynoic acid, 3-[[[(3R)-1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]amino]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 17 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:427770 CAPLUS
DOCUMENT NUMBER: 129:81969
TITLE: Preparation of peptidyl nipecotic acid derivatives as antithrombotic compounds
INVENTOR(S): Beavers, Mary Pat; Andrade-Gordon, Patricia; Hoekstra, William J.
PATENT ASSIGNEE(S): Ortho Pharmaceutical Corp., USA
SOURCE: U.S., 15 pp., Cont.-in-part of U.S. Ser. No. 364,896, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

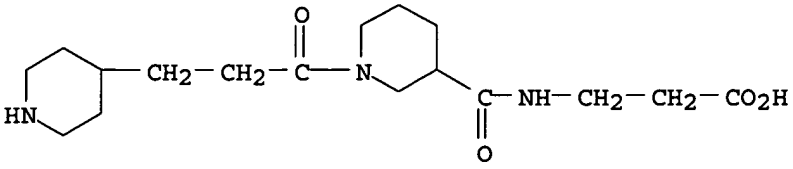
	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	US 5770575	A	19980623	US 1995-395533		19950306
	CA 2163027	AA	19950921	CA 1995-2163027		19950314
	CN 1128022	A	19960731	CN 1995-190367		19950314
	CN 1083834	B	20020501			
	HU 74871	A2	19970228	HU 1995-3270		19950314
	AT 180470	E	19990615	AT 1995-914023		19950314
	ES 2131313	T3	19990716	ES 1995-914023		19950314
	ZA 9502171	A	19960916	ZA 1995-2171		19950316
PRIORITY APPLN. INFO.:				US 1994-213772	B2	19940316
				US 1994-364896	B2	19941227

OTHER SOURCE(S): MARPAT 129:81969

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5770575	A	19980623	US 1995-395533	19950306
	CA 2163027	AA	19950921	CA 1995-2163027	19950314
	CN 1128022	A	19960731	CN 1995-190367	19950314
	CN 1083834	B	20020501		
	HU 74871	A2	19970228	HU 1995-3270	19950314
	AT 180470	E	19990615	AT 1995-914023	19950314
	ES 2131313	T3	19990716	ES 1995-914023	19950314
	ZA 9502171	A	19960916	ZA 1995-2171	19950316

IT **173051-59-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptidyl nipecotic acid derivs. as antithrombotic compds.)
RN 173051-59-7 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-

piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 18 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:106085 CAPLUS
DOCUMENT NUMBER: 128:176149
TITLE: Molecular model for VLA-4 inhibitors, and inhibitor identification
INVENTOR(S): Singh, Juswinder; Zheng, Zhongli; Sprague, Peter; Van Vlijmen, Herman W. T.; Castro, Alfredo C.; Adams, Steven P.
PATENT ASSIGNEE(S): Biogen, Inc., USA
SOURCE: PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9804913	A1	19980205	WO 1997-US13008		19970724
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW					
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
CA 2261974	AA	19980205	CA 1997-2261974		19970724
AU 9737385	A1	19980220	AU 1997-37385		19970724
CN 1230110	A	19990929	CN 1997-197953		19970724
CN 1478472	A	20040303	CN 2003-2003146679		19970724
KR 2000029538	A	20000525	KR 1999-700595		19990125
US 6552216	B1	20030422	US 1999-236784		19990125
BG 64470	B1	20050430	BG 1999-103193		19990222
BG 108806	A	20050430	BG 1999-108806		19990222
AU 759063	B2	20030403	AU 2001-91330		20011114
PRIORITY APPLN. INFO.:			US 1996-22890P	P	19960725
			US 1996-32786P	P	19961206
			US 1997-57002P	P	19970630
			AU 1997-37386	A3	19970724
			WO 1997-US13008	W	19970724

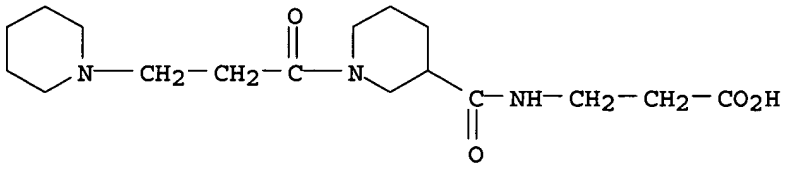
OTHER SOURCE(S): MARPAT 128:176149

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9804913	A1	19980205	WO 1997-US13008	19970724
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,				

DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2261974	AA	19980205	CA 1997-2261974	19970724
AU 9737385	A1	19980220	AU 1997-37385	19970724
CN 1230110	A	19990929	CN 1997-197953	19970724
CN 1478472	A	20040303	CN 2003-2003146679	19970724
KR 2000029538	A	20000525	KR 1999-700595	19990125
US 6552216	B1	20030422	US 1999-236784	19990125
BG 64470	B1	20050430	BG 1999-103193	19990222
BG 108806	A	20050430	BG 1999-108806	19990222
AU 759063	B2	20030403	AU 2001-91330	20011114

IT **203181-48-0**
RL: PRP (Properties)
(mol. model for VLA-4 inhibitors, and inhibitor identification)
RN 203181-48-0 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(1-piperidinyl)propyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

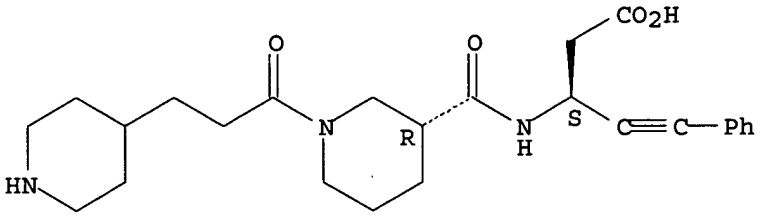
L15 ANSWER 19 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1999:723594 CAPLUS
DOCUMENT NUMBER: 132:58720
TITLE: Potent, Orally Active GPIIb/IIIa Antagonists Containing a Nipecotic Acid Subunit. Structure-Activity Studies Leading to the Discovery of RWJ-53308
AUTHOR(S): Hoekstra, William J.; Maryanoff, Bruce E.; Damiano, Bruce P.; Andrade-Gordon, Patricia; Cohen, Judith H.; Costanzo, Michael J.; Haertlein, Barbara J.; Hecker, Leonard R.; Hulshizer, Becky L.; Kauffman, Jack A.; Keane, Patricia; McComsey, David F.; Mitchell, John A.; Scott, Lorraine; Shah, Rekha D.; Yabut, Stephen C.
CORPORATE SOURCE: Drug Discovery and New Product Research, The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, 19477, USA
SOURCE: Journal of Medicinal Chemistry (1999), 42(25), 5254-5265
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 132:58720
IT **184965-02-4P**
RL: BAC (Biological activity or effector, except adverse); BPR (Biological

process); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
(potent, orally active GPIIb/IIIa antagonists containing a nipecotic acid subunit and structure-activity studies leading to discovery of RWJ-53308 as antiplatelet agent for treatment of thrombosis)

RN 184965-02-4 CAPLUS

CN 4-Pentynoic acid, 3-[[[(3R)-1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]amino]-5-phenyl-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 20 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:581377 CAPLUS

DOCUMENT NUMBER: 132:12492

TITLE: Synthesis and deconvolution of the first combinatorial library of glycosidase inhibitors

AUTHOR(S): Lohse, A.; Jensen, K. B.; Lundgren, K.; Bols, M.

CORPORATE SOURCE: Department of Chemistry, Aarhus University, Aarhus, Den.

SOURCE: Bioorganic & Medicinal Chemistry (1999), 7(9), 1965-1971
CODEN: BMECEP; ISSN: 0968-0896

PUBLISHER: Elsevier Science Ltd.

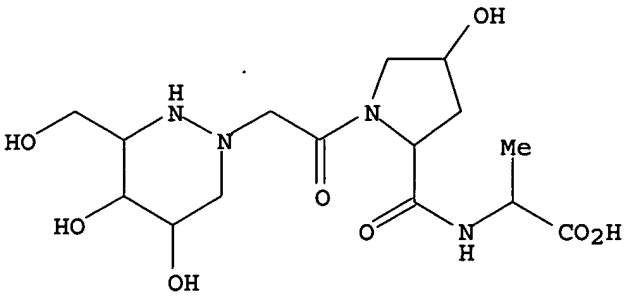
DOCUMENT TYPE: Journal

LANGUAGE: English

IT **251471-44-0DP**, combinatorial tripeptide library containing
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(synthesis of a combinatorial library of azafagomine-containing tripeptides as glycosidase inhibitors)

RN 251471-44-0 CAPLUS

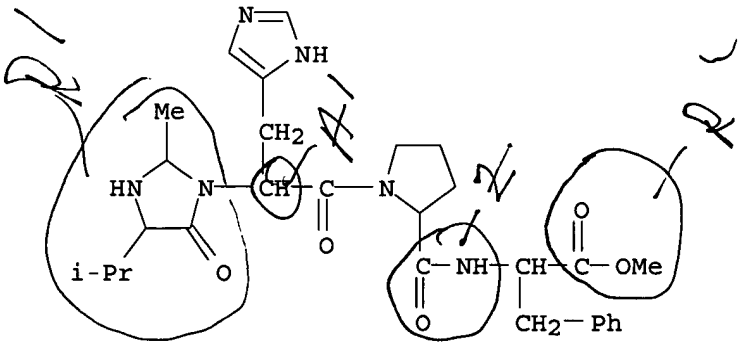
CN L-Alanine, (4R)-4-hydroxy-1-[[(3α,4β,5α)-tetrahydro-4,5-dihydroxy-3-(hydroxymethyl)-1(2H)-pyridazinyl]acetyl]-L-prolyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
=> d 1-7 ibib pi hitstr

L15 ANSWER 1 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1973:97999 CAPLUS
DOCUMENT NUMBER: 78:97999
TITLE: N,N'-alkylidene peptides. Peptide synthesis by products in the action of carbonyl compounds
AUTHOR(S): Cardinaux, F.; Brenner, M.
CORPORATE SOURCE: Inst. Org. Chem., Univ. Basel, Basel, Switz.
SOURCE: Helvetica Chimica Acta (1973), 56(1), 339-47
CODEN: HCACAV; ISSN: 0018-019X
DOCUMENT TYPE: Journal
LANGUAGE: German
IT **40149-19-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 40149-19-7 CAPLUS
CN L-Phenylalanine, N-[1-[3-(1H-imidazol-4-yl)-2-[2-methyl-4-(1-methylethyl)-5-oxo-1-imidazolidinyl]-1-oxopropyl]-L-prolyl]-, methyl ester (9CI) (CA INDEX NAME)



QD1.HCl
Microfilm

L15 ANSWER 2 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1985:46254 CAPLUS
DOCUMENT NUMBER: 102:46254
TITLE: Substituted pyrrolidinone derivatives

Thomas McKenzie

INVENTOR(S): Bencze, William; Kamber, Bruno; Storni, Angelo
PATENT ASSIGNEE(S): Ciba-Geigy A.-G. , Switz.
SOURCE: Eur. Pat. Appl., 107 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

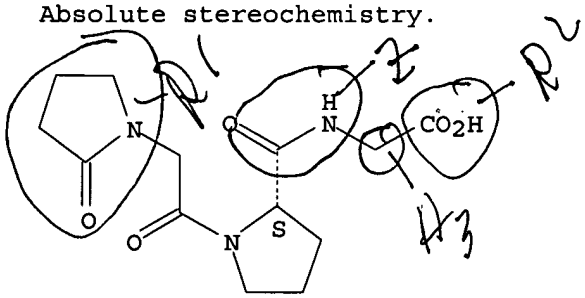
	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	EP 115473	A2	19840808	EP 1984-810041		19840123
	EP 115473	A3	19870121			
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE					
	FI 8400261	A	19840728	FI 1984-261		19840123
	DD 215539	A5	19841114	DD 1984-259604		19840125
	DK 8400359	A	19840728	DK 1984-359		19840126
	NO 8400311	A	19840730	NO 1984-311		19840126
	AU 8423839	A1	19840802	AU 1984-23839		19840126
	JP 59141544	A2	19840814	JP 1984-11111		19840126
	HU 32790	O	19840928	HU 1984-330		19840126
	ZA 8400595	A	19841128	ZA 1984-595		19840126
PRIORITY APPLN. INFO.:				CH 1983-454	A	19830127

OTHER SOURCE(S): MARPAT 102:46254

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 115473	A2	19840808	EP 1984-810041	19840123
	EP 115473	A3	19870121		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	FI 8400261	A	19840728	FI 1984-261	19840123
	DD 215539	A5	19841114	DD 1984-259604	19840125
	DK 8400359	A	19840728	DK 1984-359	19840126
	NO 8400311	A	19840730	NO 1984-311	19840126
	AU 8423839	A1	19840802	AU 1984-23839	19840126
	JP 59141544	A2	19840814	JP 1984-11111	19840126
	HU 32790	O	19840928	HU 1984-330	19840126
	ZA 8400595	A	19841128	ZA 1984-595	19840126

IT **93980-07-5**
RL: RCT (Reactant); RACT (Reactant or reagent)
(peptide coupling of, with glycinamide)
RN 93980-07-5 CAPLUS
CN Glycine, N-[1-[(2-oxo-1-pyrrolidinyl)acetyl]-L-prolyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L15 ANSWER 3 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:221389 CAPLUS
DOCUMENT NUMBER: 114:221389

Thomas McKenzie

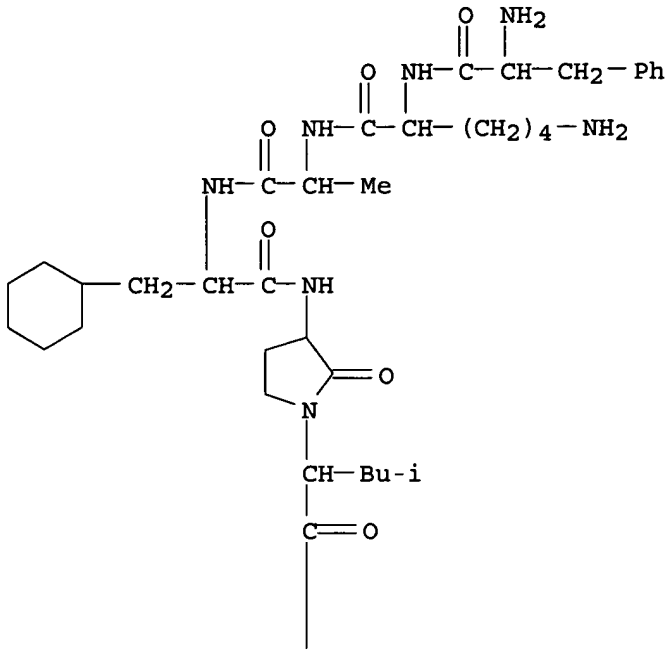
TITLE: Preparation of anaphylatoxin-receptor peptide ligands for modulating anaphylatoxic activity and treatment of inflammation
INVENTOR(S): Kawai, Megumi; Or, Yat Sun; Wiedeman, Paul E.; Luly, Jay R.; Moyer, Mikel P.
PATENT ASSIGNEE(S): Abbott Laboratories, USA
SOURCE: PCT Int. Appl., 165 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	WO 9009162	A2	19900823	WO 1990-US296	19900116
	WO 9009162	A3	19901129		
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	CA 2045578	AA	19900801	CA 1990-2045578	19900116
	EP 456758	A1	19911121	EP 1990-903567	19900116
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
	JP 04503073	T2	19920604	JP 1990-503686	19900116
	US 5223485	A	19930629	US 1991-691039	19910619
PRIORITY APPLN. INFO.:				US 1989-304693 A2	19890131
				WO 1990-US296 W	19900116

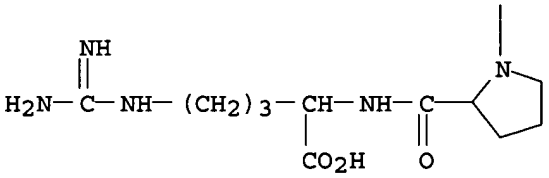
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9009162	A2	19900823	WO 1990-US296	19900116
	WO 9009162	A3	19901129		
	W: CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE				
	CA 2045578	AA	19900801	CA 1990-2045578	19900116
	EP 456758	A1	19911121	EP 1990-903567	19900116
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
	JP 04503073	T2	19920604	JP 1990-503686	19900116
	US 5223485	A	19930629	US 1991-691039	19910619

IT **133215-68-6**
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(anaphylatoxin receptor ligand for inflammation inhibition and anaphylatoxin modulation)
RN 133215-68-6 CAPLUS
CN L-Arginine, N2-[1-[2-[3-[[3-cyclohexyl-N-[N-(N2-L-phenylalanyl-L-lysyl)-L-alanyl]-L-alanyl]amino]-2-oxo-1-pyrrolidinyl]-4-methyl-1-oxopentyl]-D-prolyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



L15 ANSWER 4 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:129634 CAPLUS
DOCUMENT NUMBER: 116:129634
TITLE: Preparation of amidino derivatives of peptides and amino acids as drugs
INVENTOR(S): Alig, Leo; Edenhofer, Albrecht; Mueller, Marcel; Trzeciak, Arnold; Weller, Thomas
PATENT ASSIGNEE(S): Hoffmann-La Roche, F., A.-G., Switz.
SOURCE: Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 445796	A2	19910911	EP 1991-103462	19910307
EP 445796	A3	19911030		

Thomas McKenzie

	EP 445796	B1	19980617			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE					
	CA 2037153	AA	19910910	CA 1991-2037153		19910226
	ZA 9101534	A	19911127	ZA 1991-1534		19910301
	HU 56582	A2	19910930	HU 1991-186		19910304
	AU 9172086	A1	19920820	AU 1991-72086		19910304
	AU 646838	B2	19940310			
	IL 97401	A1	19950315	IL 1991-97401		19910304
	US 5273982	A	19931228	US 1991-665110		19910305
	FI 9101148	A	19910910	FI 1991-1148		19910307
	JP 04217652	A2	19920807	JP 1991-65316		19910307
	JP 2501252	B2	19960529			
	RU 2072359	C1	19970127	RU 1991-4894657		19910307
	AT 167482	E	19980715	AT 1991-103462		19910307
	ES 2118067	T3	19980916	ES 1991-103462		19910307
	NO 9100934	A	19910910	NO 1991-934		19910308
	NO 301167	B1	19970922			
	BR 9100941	A	19911105	BR 1991-941		19910308
PRIORITY APPLN. INFO.:				CH 1990-775	A	19900309
				CH 1991-115	A	19910117
				CH 1991-192		19910123

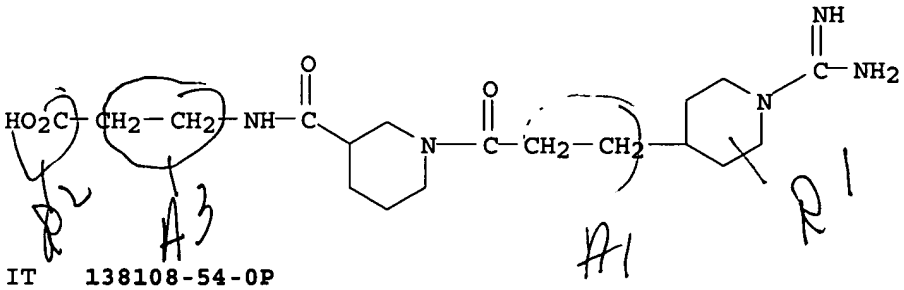
OTHER SOURCE(S): MARPAT 116:129634

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 445796	A2	19910911	EP 1991-103462	19910307
	EP 445796	A3	19911030		
	EP 445796	B1	19980617		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2037153	AA	19910910	CA 1991-2037153	19910226
	ZA 9101534	A	19911127	ZA 1991-1534	19910301
	HU 56582	A2	19910930	HU 1991-186	19910304
	AU 9172086	A1	19920820	AU 1991-72086	19910304
	AU 646838	B2	19940310		
	IL 97401	A1	19950315	IL 1991-97401	19910304
	US 5273982	A	19931228	US 1991-665110	19910305
	FI 9101148	A	19910910	FI 1991-1148	19910307
	JP 04217652	A2	19920807	JP 1991-65316	19910307
	JP 2501252	B2	19960529		
	RU 2072359	C1	19970127	RU 1991-4894657	19910307
	AT 167482	E	19980715	AT 1991-103462	19910307
	ES 2118067	T3	19980916	ES 1991-103462	19910307
	NO 9100934	A	19910910	NO 1991-934	19910308
	NO 301167	B1	19970922		
	BR 9100941	A	19911105	BR 1991-941	19910308

IT **138107-76-3P**
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as drug)

RN 138107-76-3 CAPLUS

CN β-Alanine, N-[[1-[3-[1-(aminoiminomethyl)-4-piperidinyl]-1-oxopropyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



IT **138108-54-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as drug intermediate)
RN 138108-54-0 CAPLUS
CN β-Alanine, N-[[1-[3-[1-[[[(1,1-dimethylethoxy)carbonyl]amino][[(1,1-dimethylethoxy)carbonyl]imino]methyl]-4-piperidinyl]-1-oxopropyl]-3-piperidinyl]carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)

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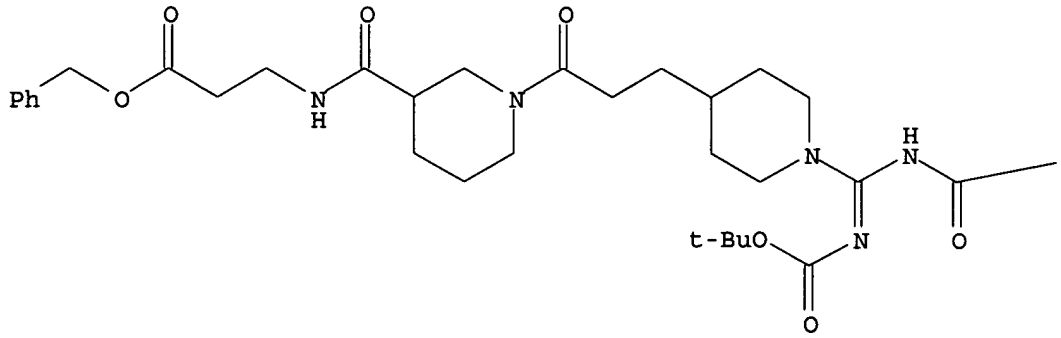


PAGE 1-B

—OBu-t

L15 ANSWER 5 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:631372 CAPLUS
DOCUMENT NUMBER: 121:231372
TITLE: Preparation of peptide inhibitors of angiotensin I chymase(s) including human heart chymase
INVENTOR(S): Hoover, Dennis J.
PATENT ASSIGNEE(S): Pfizer Inc., USA
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

Thomas McKenzie

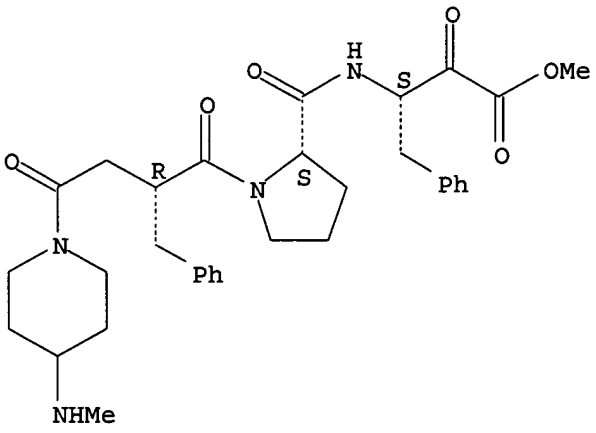
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9325574	A1	19931223	WO 1993-US3625	19930423
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 644892	A1	19950329	EP 1993-909587	19930423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CA 2137832	C	20000926	CA 1993-2137832	19930423
PRIORITY APPLN. INFO.:			US 1992-897723 A2	19920612
			WO 1993-US3625 W	19930423

OTHER SOURCE(S): MARPAT 121:231372

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9325574	A1	19931223	WO 1993-US3625	19930423
W: CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 644892	A1	19950329	EP 1993-909587	19930423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CA 2137832	C	20000926	CA 1993-2137832	19930423

IT **158211-39-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as angiotensin I chymase inhibitor)
RN 158211-39-3 CAPLUS
CN Benzenebutanoic acid, β-[[[1-[4-[4-(methylamino)-1-piperidinyl]-1,4-dioxo-2-(phenylmethyl)butyl]-2-pyrrolidinyl]carbonyl]amino]-α-oxo-, methyl ester, monohydrochloride, [2S-[1(S*),2R*(R*)]]- (9CI) (CA INDEX NAME)

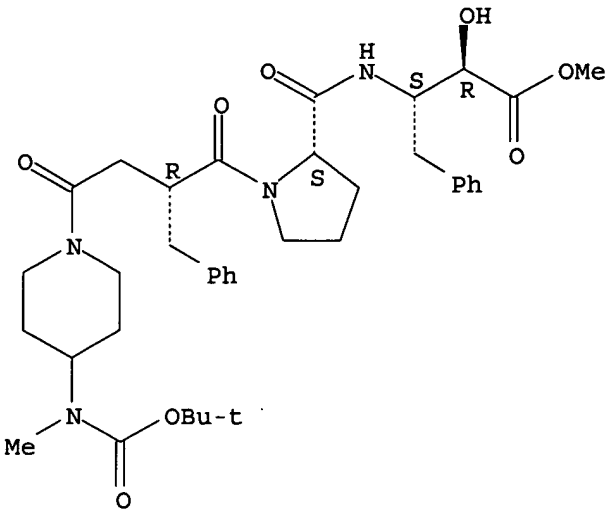
Absolute stereochemistry.



● HCl

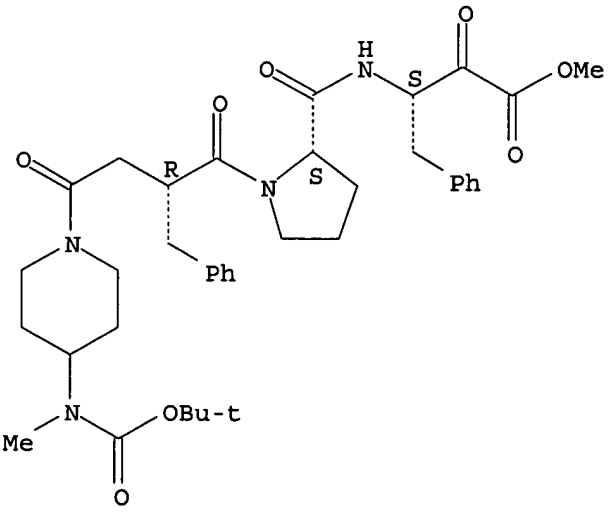
IT **158211-62-2P 158211-63-3P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for angiotensin I chymase inhibitor)
RN 158211-62-2 CAPLUS
CN Benzenebutanoic acid, β-[[[1-[4-[4-[[(1,1-dimethylethoxy)carbonyl]methylamino]-1-piperidinyl]-1,4-dioxo-2-(phenylmethyl)butyl]-2-pyrrolidinyl]carbonyl]amino]-α-hydroxy-, methyl ester, [2S-[1(S*),2R*(αS*,βR*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 158211-63-3 CAPLUS
CN Benzenebutanoic acid, β-[[[1-[4-[4-[[(1,1-dimethylethoxy)carbonyl]methylamino]-1-piperidinyl]-1,4-dioxo-2-(phenylmethyl)butyl]-2-pyrrolidinyl]carbonyl]amino]-α-oxo-, methyl ester, [2S-[1(S*),2R*(R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L15 ANSWER 6 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:995004 CAPLUS
DOCUMENT NUMBER: 124:146856
TITLE: Preparation of nipecotic acid derivatives as antithrombic compounds
INVENTOR(S): Beavers, Mary Pat; Andrade-Gordon, Patricia; Hoekstra, William J.
PATENT ASSIGNEE(S): Ortho Pharmaceutical Corp., USA
SOURCE: PCT Int. Appl., 41 pp.

Thomas McKenzie

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

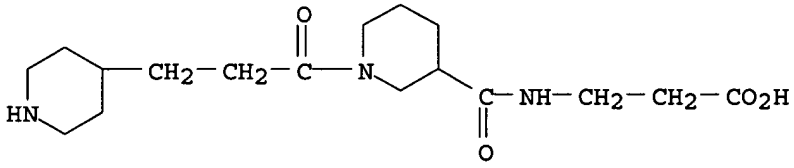
	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
	WO 9525091	A2	19950921	WO 1995-US3145		19950314
	WO 9525091	A3	19951012			
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA					
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
	CA 2163027	AA	19950921	CA 1995-2163027		19950314
	AU 9521191	A1	19951003	AU 1995-21191		19950314
	AU 703397	B2	19990325			
	CN 1128022	A	19960731	CN 1995-190367		19950314
	CN 1083834	B	20020501			
	EP 746545	A1	19961211	EP 1995-914023		19950314
	EP 746545	B1	19990526			
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
	HU 74871	A2	19970228	HU 1995-3270		19950314
	JP 09510453	T2	19971021	JP 1995-524128		19950314
	AT 180470	E	19990615	AT 1995-914023		19950314
	ES 2131313	T3	19990716	ES 1995-914023		19950314
	RU 2135470	C1	19990827	RU 1995-122287		19950314
	ZA 9502171	A	19960916	ZA 1995-2171		19950316
	NO 9504609	A	19960105	NO 1995-4609		19951115
	FI 9505498	A	19960115	FI 1995-5498		19951115
	FI 113763	B1	20040615			
PRIORITY APPLN. INFO.:				US 1994-213772	A	19940316
				US 1994-364896	A	19941227
				WO 1995-US3145	W	19950314

OTHER SOURCE(S): MARPAT 124:146856

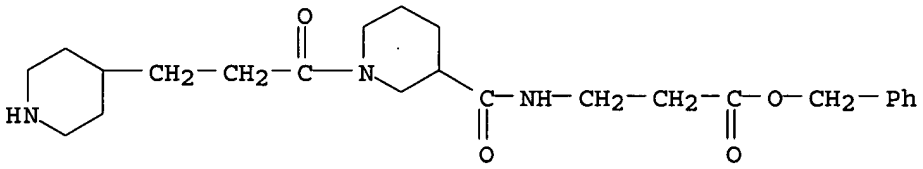
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9525091	A2	19950921	WO 1995-US3145	19950314
	WO 9525091	A3	19951012		
	W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA				
	RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2163027	AA	19950921	CA 1995-2163027	19950314
	AU 9521191	A1	19951003	AU 1995-21191	19950314
	AU 703397	B2	19990325		
	CN 1128022	A	19960731	CN 1995-190367	19950314
	CN 1083834	B	20020501		
	EP 746545	A1	19961211	EP 1995-914023	19950314
	EP 746545	B1	19990526		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	HU 74871	A2	19970228	HU 1995-3270	19950314
	JP 09510453	T2	19971021	JP 1995-524128	19950314
	AT 180470	E	19990615	AT 1995-914023	19950314

ES 2131313	T3	19990716	ES 1995-914023	19950314
RU 2135470	C1	19990827	RU 1995-122287	19950314
ZA 9502171	A	19960916	ZA 1995-2171	19950316
NO 9504609	A	19960105	NO 1995-4609	19951115
FI 9505498	A	19960115	FI 1995-5498	19951115
FI 113763	B1	20040615		

IT **173051-59-7P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of nipecotic acid derivs. as antithrombic compds.)
RN 173051-59-7 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]- (9CI) (CA INDEX NAME)



IT **173051-75-7P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of nipecotic acid derivs. as antithrombic compds.)
RN 173051-75-7 CAPLUS
CN β-Alanine, N-[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]-, phenylmethyl ester (9CI) (CA INDEX NAME)



L15 ANSWER 7 OF 55 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:881315 CAPLUS
DOCUMENT NUMBER: 123:286740
TITLE: Preparation of peptides containing 2,3-diaminopropionic acid derivatives having selective affinity to cell adhesion activating protein receptors
INVENTOR(S): Ikeda, Yoshiharu; Ueki, Yasuyuki; Kishimoto, Hisakazu; Nishihara, Toshio; Kamikawa, Yumiko
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
SOURCE: PCT Int. Appl., 231 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9511228 A1 19950427 WO 1994-JP1700 19941011
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
CA 2174516 AA 19950427 CA 1994-2174516 19941011
AU 9478627 A1 19950508 AU 1994-78627 19941011
EP 725059 A1 19960807 EP 1994-929640 19941011
EP 725059 B1 20010117
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE
CN 1138322 A 19961218 CN 1994-194559 19941011
CN 1076345 B 20011219
AT 198739 E 20010215 AT 1994-929640 19941011
US 5707994 A 19980113 US 1996-633800 19960419
US 6048854 A 20000411 US 1997-937901 19970925
PRIORITY APPLN. INFO.: JP 1993-286091 A 19931019
JP 1993-350177 A 19931228
WO 1994-JP1700 W 19941011

OTHER SOURCE(S): MARPAT 123:286740

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9511228	A1	19950427	WO 1994-JP1700	19941011
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN				
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2174516	AA	19950427	CA 1994-2174516	19941011
AU 9478627	A1	19950508	AU 1994-78627	19941011
EP 725059	A1	19960807	EP 1994-929640	19941011
EP 725059	B1	20010117		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
CN 1138322	A	19961218	CN 1994-194559	19941011
CN 1076345	B	20011219		
AT 198739	E	20010215	AT 1994-929640	19941011
US 5707994	A	19980113	US 1996-633800	19960419
US 6048854	A	20000411	US 1997-937901	19970925

IT **169458-10-0P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate for preparation of peptides containing N-sulfonyldiaminopropionic acid derivs. having selective affinity to cell adhesion activating protein receptors)
RN 169458-10-0 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[3-[3-[[[3-ethoxy-2-[[(4-methoxyphenyl)sulfonyl]amino]-3-oxopropyl]amino]carbonyl]-1-piperidinyl]-3-oxopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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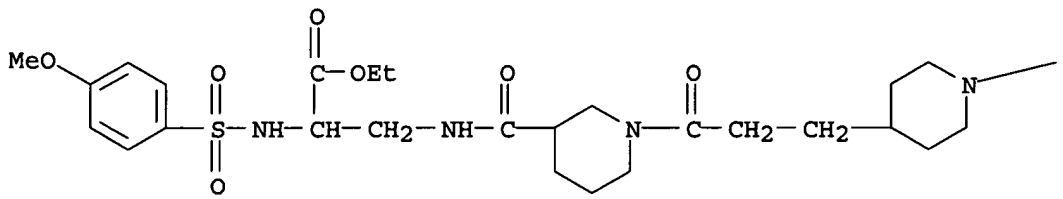
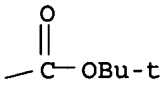


PAGE 1-B



IT **169456-68-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of peptides containing N-sulfonyldiaminopropionic acid derivs. having selective affinity to cell adhesion activating protein receptors)

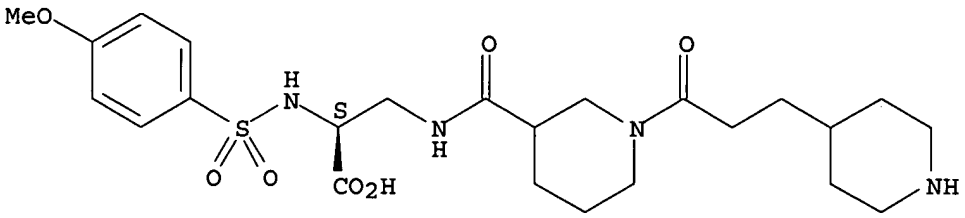
RN 169456-68-2 CAPLUS

CN L-Alanine, N-[(4-methoxyphenyl)sulfonyl]-3-[[[1-[1-oxo-3-(4-piperidinyl)propyl]-3-piperidinyl]carbonyl]amino]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

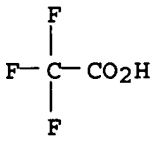
CRN 169456-67-1
CMF C24 H36 N4 O7 S

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2



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